## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SERIAL NO.: 10/531,058 ART UNIT: 4177

FILED: January 17, 2006 EXAMINER: Stuart, C. W.

TITLE: DEVICE AND METHOD FOR TEMPERING AND HUMIDIFYING GAS, ESPECIALLY RESPIRATORY AIR

## Amendment A: CLAIM AMENDMENTS

Claims 1- 10 (canceled).

11. (new) A system for heating and humidifying a gas comprising:

a fluid reservoir:

a humidification chamber in fluid communication with said fluid reservoir, said humidification chamber having a gas inlet and a gas outlet;

a circulating driving means cooperative with said fluid reservoir and with said humidification chamber for passing a fluid from said fluid reservoir through a gas in said humidification chamber and for passing the fluid from said humidification chamber back to said fluid reservoir; and

a heating means cooperative with the fluid of said fluid reservoir, said heating means for elevating a temperature of the fluid passed through said humidification chamber.

- 12. (new) The system of Claim 11, said humidification chamber having a sprinkler suitable for delivering the fluid into said humidification chamber.
- 13. (new) The system of Claim 12, said humidification chamber having a surface therein positioned so as to receive the fluid thereon.

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- 14. (new) The system of Claim 11, said humidification chamber being pressurized.
- 15. (new) The system of Claim 11, said circulating driving means being a pumping means for feeding the fluid from said fluid reservoir to said humidification chamber, said humidification chamber and said fluid reservoir being connected by a fluid circuit.
- 16. (new) The system of Claim 11, said circulating driving means being a rotation body that partially dips into the fluid in said fluid reservoir.
- 17. (new) The system of Claim 16, said body being a stack of plates connected in spaced relation to each other.
  - 18. (new) A method for humidifying a gas comprising:

supplying a gas from a reservoir;

and

controllably flowing the supplied gas;

heating and humidifying the supplied gas by sprinkling the supplied gas with a fluid;

feeding the heated and humidified gas to a patient.

- 19. (new) The method of Claim 18, the step of humidifying occurring before the step of controllably flowing the supplied gas.
- 20. (new) The method of Claim 18, the step of heating and humidifying being in a pressurized chamber, said pressurized chamber having a temperature therein that is greater than a temperature of the gas fed to the patient, the gas fed to the patient being depressurized to a level of normal respiratory gas.